

Input for Power Determination of HEVs Concerning Revisions on ToR and Schedule

Japan

EVE 29th session, Geneva

Reminder (1/2)

- According to the progress of validation program made, Japan understands that a need to revise the ToR and schedule is appearing.
- EVE's products are the follows.
 1. Standalone GTR on HEV system power determination
 2. Technical report on battery durability

Reminder (2/2)

- The ongoing “Validation Program” will influence on the schedule planed in the current ToR.
- In addition, major CPs in GRPE support to have a “Standalone GTR” of power determination of HEVs.

Current Schedule

2017		2018				2019			2020
July	Oct.	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.
Key events		☆ 25 th session ☆ 27 th session ☆ 26 th session ☆ 28 th session © ISO)DIS available				☆ 29 th session ☆ 30 th session			
Validation program		submit Informal Docs to GRPE				Submit Formal Doc. to GRPE			Adopt Formal Doc. by WP29
Drafting		Preparation Testing				Finalize draft			
Conditions		Technical Method				Modification & Drafting technical report			
ISO		☆ SC37/WG2 @Japan		IS published Aug.?					

Suggested Schedule (Discussion Point)

2017		2018				2019				2020
July	Oct.	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.	
Key events		★ 25 th session				★ 29 th session				
	★ 24 th session	★ 26 th session	★ 27 th session	★ 28 th session			★ 30 th session			
	© ISO)DIS available									
Validation program						submit Informal Docs to GRPE	★		Submit Formal Doc. to GRPE	★
										Adopt Formal Doc. by WP29
Preparation		Testing								
Drafting										
Conditions	Technical Method								Finalize draft	
				Modification & Drafting technical report						
ISO		★ SC37/WG2 @Japan		IS published Aug.?						

ToR Revision on Power Determination of HEVs (Discussion Point)

(a) Determining the powertrain performance:

(i) November 2016: Approval of the authorization to develop an amendment to gtr No. 15 by AC.3;

(ii) June 2018: Draft gtr available, guidance on any open issues by GRPE;

(iii) June 2018-January 2019: Final drafting work on gtr text;

(iv) January 2019:

a. Endorsement of the draft gtr based on an informal document by GRPE;

b. Transmission of the draft gtr as an official document twelve weeks before the June 2019 session of GRPE.

(v) June 2019: Recommendation of the draft gtr by GRPE;

(vi) November 2019: establishment of the gtr by AC.3 in the Global Registry.



May 2019



January 2020



January 2020



June 2020

Communication with WLTP will be necessary because the EVE's target on the GTR for system power determination of HEVs has been changed from amending GTR 15(WLTP) to a generic purpose.